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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant: Shinichi Yoshimura, et al.
Appl. No.: PCT/JP01/03041
Filed: 9 April 2001
Title: PICTURE PROCESSING APPARATUS AND
PHOTOGRAPHIC DEVICE
Art Unit:
Examiner:
Docket No.: 113278-007

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Assistant Commissioner for Patents
Washington, DC 20231

PRELIMINARY AMENDMENT

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Sir:

Please amend the above-identified patent application as follows:

In the Specification:

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Please replace the Specification of the present application, including the Abstract, with
the following Substitute Specification:

SPECIFICATION

TITLE OF THE INVENTION

PICTURE PROCESSING APPARATUS AND PHOTOGRAPHING DEVICE

BACKGROUND OF THE INVENTION

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The present invention generally relates to a picture processing apparatus for processing a
picture photographed by a photographing device. More specifically, the present invention relates
to a picture processing apparatus with a photographing device and a storing portion disposed on
the same circuit thereby accelerating a calculating process, and to a picture processing apparatus
for suppressing characteristics of the storing portion from fluctuating even if a temporal change
in brightness of an object is diminutive, thereby ensuring an accurate calculation output.

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With a picture of an object photographed as a first frame and a picture of the object
photographed as a second frame, the temporal change in brightness of the object can be obtained.

Conventionally, when the difference between pictures is obtained, a camera that is
equipped with a photographing device such as a CCD (Charge Coupled Device), a plurality of
frame memories, and a calculating apparatus are prepared and connected. In other words, picture